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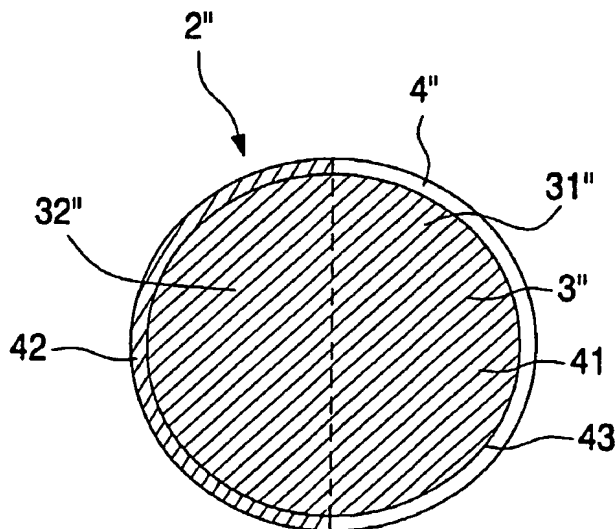
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: WEAR-INDICATING FILAMENT



(57) **Abstract:** The invention relates to a wear-indicating fil-
ament for use in a brush, comprising a central axis, a core
extending along the central axis, said core being covered by a
layer having a pre-determined resistance to wear, said layer
wearing away over a pre-determined period of use dependent
on its resistance to wear and exposing at least a part of the
core after said period. The layer comprises a material which
absorbs relatively little water and the core comprises, seen in
a cross-section, at least two segments in an asymmetrical ar-
rangement along the central axis of the filament, which seg-
ments have a mutually different absorption of water and show
a difference in expansion when the layer has worn away and
the core is exposed to water. When the at least two segments
of the cross-section of the filament become exposed to water,
the segments show a difference in absorption of water and a
difference in expansion resulting from this absorption. The
difference in expansion causes the filament to bend, which
will be noticed by the user visually and during use of the brush
on the teeth. This provides a clear indication that the brush
should be replaced, because the bent filaments give a warning
to the user in a visual manner and in a tactile manner.

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Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	GB 2 137 080 A (SCHLERF CORONET WERKE) 3 October 1984 (1984-10-03) the whole document	1,7
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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